

# Converting Colors

Hex(808B06)

Have a look what the booklet for  
Hex(808B06) contains.

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**Color**

**Hex(808B06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	808B06
RGB	128, 139, 6
RGB Percent	50%, 55%, 2%
CMY	0.4980, 0.4549, 0.9765
CMYK	0.08, 0.00, 0.96, 0.45
HSL	65°, 92%, 28%
HSV	65°, 96%, 55%
XYZ	18.1676, 23.0676, 3.6673
YIQ	120.5490, 36.1370, -43.6950

# Conversions

## Conversions Part 2

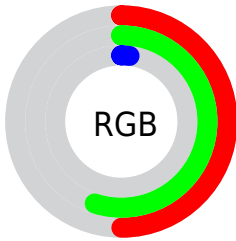
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 139, 17
Decimal	8424198
CIELab	55.14, -18.63, 58.07
CIELCh	55, 60.984, 107.784
Yxy	23.0676, 0.4046, 0.5137
Android (android.graphics.Color)	4286614278 (0xFF808B06)
YUV	120.5490, -56.4727, 6.5345
Hunter-Lab	48.0287, -16.5300, 29.0930

# Details

The Hex color **808B06** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **11068B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B8C047**, and **4B5900** is the 20% darker color. If you saturate the color by 10%, you get **808B00**, and if you desaturate by 10%, it is **818B14**.

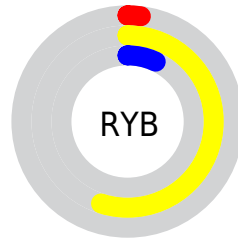
# Distribution



Red (50%)

Green (55%)

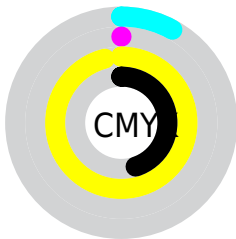
Blue (2%)



Red (2%)

Yellow (55%)

Blue (7%)

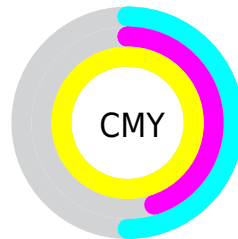


Cyan (8%)

Magenta (0%)

Yellow (96%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808B06 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 808B06 by changing the saturation by 10% instead.



 808B06

 808B06

FFFFFF

 657200

 B8C047

 4B5900

 D5DC62

 304200

 F2F97D

 172C00

 FFFF98

 001900

 FFFFB4

 000000

 FFFFD1

 FFFFEE

 808B06

 808B06

■ 808B00

■ 818B14

■ 828B22

■ 838B30

■ 858B3E

■ 868B4C

■ 878B59

■ 888B67

■ 898B75

■ 8A8B83

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B07A09



808B06



3F9638

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



808B06



009AD1



D8529C

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



808B06



11068B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AE67CC



808B06



0090EB

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



808B06



009DA3



567FE9



E35167

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



808B06



009A5A



567FE9



CE58AD



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



808B06



B1B581



8B0F06



595C3C



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



808B06



A6B500



408B06



44453E



7A8500



050500



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11068B



0F00B5



51068B



3F3E45



0B0085



000005



# Previews

## White Background



This preview shows how the Hex color 808B06 looks on a white background.

## Color Contrast Check

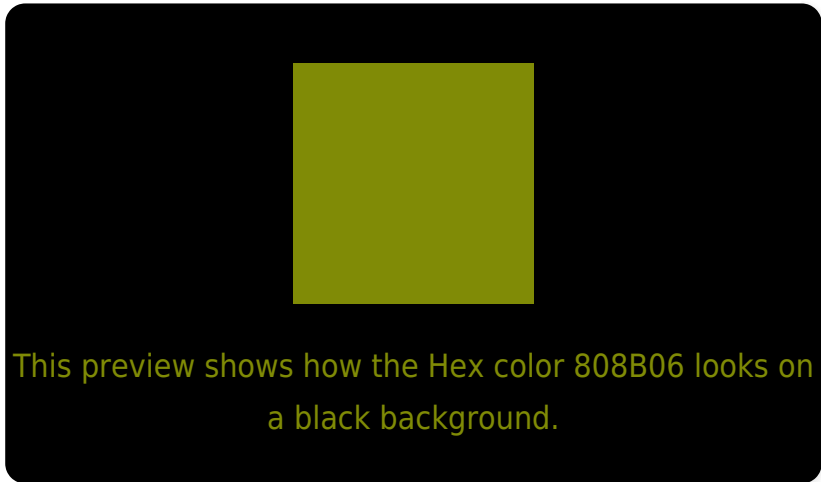
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808B06 Background



This preview shows how black text looks on a background with the Hex color 808B06.



This preview shows how white text looks on a background with the Hex color 808B06.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

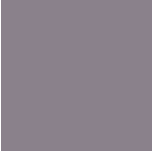
## Dichromacy



**Original Color**  
808B06

**Protanopia**  
958400

**Deuteranopia**  
A67D17



**Tritanopia**  
8A818B

# Trichromacy



**Original Color**  
808B06

**Protanomaly**  
8D8702

**Deuteranomaly**  
988211

**Tritanomaly**  
86855B

# Monochromacy



**Original Color**  
808B06

**Achromatopsia**  
797979

**Achromatomaly**  
7C804F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808B06 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #808B06 looks like.

```
.text, #text, p{  
    color:#808B06  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #808B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808B06  
}
```

## Border

The CSS property to change the border of an element to Hex 808B06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#808B06 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#808B06 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #808B06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808B06; -webkit-box-shadow:4px 4px  
4px 4px #808B06; box-shadow:4px 4px 4px  
4px #808B06 }
```

# Background

The CSS property to change the background color of an element to Hex 808B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808B06 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#808B06 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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